

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A composition for detecting a target microorganism in a sample, comprising a conditionally detectable marker, wherein said marker ~~is capable of providing~~ provides a detectable signal when in contact with a viable microorganism, and a substrate for an enzyme that is an aminopeptidase that is substantially absent from the target microorganism.
2. (Original) The composition of claim 1, wherein said target microorganism is selected from the group consisting of bacteria, yeast, mold, fungi, protozoa, and viruses.
3. (Original) The composition of claim 2, wherein said target microorganism is bacteria.
4. (Currently Amended) The composition of claim 3, wherein said bacteria is selected from the group consisting of *S*salmonella, *L*isteria, *E*.*coli* OH157, *Campylobacter*, *S*taphylococcus *aereus*, *C*ryptosporidium, and *G*iardia.
5. (Original) The composition of claim 4, wherein said bacteria is *Campylobacter*.
6. (Original) The composition of claim 1, wherein said conditionally detectable marker is detectable by a change in color.
7. (Original) The composition of claim 6, wherein said change in color is produced by the biochemical reduction of tetrazolium red.

8. (Currently Amended) The composition of claim 1, wherein said substrate comprises a signal moiety linked to the substrate, the signal moiety capable of providing a detectable signal when cleaved by substantially all non-target microorganisms.

9. (Canceled)

10. (Currently Amended) The composition of claim 91, wherein said enzyme is an L-alanine-aminopeptidase.

11. (Currently Amended) The composition of claim 10, wherein said substrate is selected from the group consisting of L-Alanine-7-amido-4-methylcoumarin, L-Alanine-7-amido-4-methylcoumarin TFA, L-Alanine-7-amido-4-trifluoro-methylcoumarin TFA, L-Alanyl-L-alanyl-L-phenylalanine-7-amido-4-methylcoumarin, and L-Alanyl-L-alanyl-L-phenylalanine-7-amido-4-methylcoumarin TFA.

12. (Original) The composition of claim 11, wherein said substrate is L-alanine-7-amido-4-methylcoumarin.

13. (Currently Amended) The composition of claim 86, wherein said non-target microorganisms include substantially all non-*Campylobacter* species.

14. (Original) The composition of claim 1, further comprising a growth-supporting medium for the target microorganism.

15. (Original) The composition of claim 14, wherein said growth supporting medium contains all necessary nutrients and growth conditions to properly support the growth of the target microorganism.

16. (Original) The composition of claim 14, wherein said growth supporting medium contains antibiotics to suppress the growth of non-target microorganisms.

17. - 24. (Canceled)